

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	76660	(x-ray) OR xray	USPAT
2	BRS	L2	227621	convey\$3	USPAT
3	BRS	L3	24417	fluorescence	USPAT
4	BRS	L4	435	1 AND 2 AND 3	USPAT
5	BRS	L5	4913	(back-scatter\$3) OR backscatter\$3	USPAT
6	BRS	L6	31	4 AND 5	USPAT
7	BRS	L7	745718	axis OR axes	USPAT
8	BRS	L8	11	6 AND 7	USPAT
9	BRS	L9	169400	window	USPAT
10	BRS	L10	4	8 AND 9	USPAT
11	BRS	L11	11623	window SAME detector	USPAT
12	BRS	L12	4	8 AND 11	USPAT

	Document ID	Issue Date	Title	Current OR
1	US 5974111 A	19991026	Identifying explosives or other contraband by employing transmitted or scattered X-rays	378/57
2	US 5969357 A	19991019	Scanning electron microscope and method for dimension measuring by using the same	250/310
3	US 5946220 A	19990831	Computer operated material processing systems and method	
4	US 5940468 A	19990817	Coded aperture X-ray imaging system	378/57
5	US 5866904 A	19990202	Scanning electron microscope and method for dimension measuring by using the same	250/310
6	US 5800350 A	19980901	Apparatus for tissue type recognition	600/372
7	US 5750883 A	19980512	Method and apparatus for determining the salt content of snack foods	73/53.01
8	US 5692029 A	19971125	Detection of concealed explosives and contraband	378/88

	Document ID	Issue Date	Title	Current OR
9	US 5663997 A	19970902	Glass composition determination method and apparatus	378/45
10	US 5600700 A	19970204	Detecting explosives or other contraband by employing transmitted and	378/57
11	US 5600303 A	19970204	scattered X-rays Detection of concealed explosives and contraband	340/568.1
12	US 5594245 A	19970114	Scanning electron microscope and method for dimension measuring by using	250/310
13	US 5428657 A	19950627	the same X-ray monitoring system	378/86
14	US 5420905 A	19950530	Detection of explosives and other materials using resonance fluorescence, resonance absorption, and other electromagnetic processes with bremsstrahlung radiation	378/88
15	US 5412210 A	19950502	Scanning electron microscope and method for production of semiconductor device by using the same	250/310

	Document ID	Issue Date	Title	Current OR
16	US 5410154 A	19950425	Device for detecting quality alterations in bulk goods transported on moving belt conveyors	250/339.05
17	US 5314072 A	19940524	Sorting plastic bottles for recycling	209/44.1
18	US 5272745 A	19931221	Apparatus for analyzing, continuously flowing dry powder samples, by means of X-ray spectroscopy	378/47
19	US 5255302 A	19931019	Foil-thickness measuring device	378/55
20	US 5115459 A	19920519	Explosives detection using resonance fluorescence of bremsstrahlung radiation	378/88
21	US 5029337 A	19910702	Method for measuring coating thickness	378/90
22	US 5022062 A	19910604	Automatic threat detection based on illumination by penetrating radiant energy using histogram processing	378/86

	Document ID	Issue Date	Title	Current OR
23	US 4994145 A	19910219	Process for producing a constant distribution of a selected property across the width of pulp mat on a pulp washing surface	162/49
24	US 4839913 A	19890613	Shadowgraph imaging using scatter and fluorescence	378/44
25	US 4819256 A	19890404	Radiographic sensitivity for detection of flaws and cracks	378/87
26	US 4745684 A	19880524	Solder thickness measurement method and apparatus	33/834
27	US 4712057 A	19871208	Method of examining and testing an electric device such as an integrated or printed circuit	250/310
28	US 4415804 A	19831115	Annihilation radiation analysis	250/255
29	US 4015124 A	19770329	Determining the concentration of sulphur in coal	378/45
30	US 3889112 A	19750610	Method and apparatus for measuring the concentration of water, iron and aluminum in iron ore by neutron radiation	376/159
31	US 3710104 A	19730109	METHOD AND APPARATUS FOR X-RAY INTERROGATION OF A SAMPLE	378/46

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1	US 5974111 A	19991026	Identifying explosives or other contraband by employing transmitted or scattered X-rays	378/57
2	US 5946220 A	19990831	Computer operated material processing systems and method	
3	US 5940468 A	19990817	Coded aperture X-ray imaging system	378/57
4	US 5750883 A	19980512	Method and apparatus for determining the salt content of snack foods	73/53.01
5	US 5600700 A	19970204	Detecting explosives or other contraband by employing transmitted and scattered X-rays	378/57
6	US 5420905 A	19950530	Detection of explosives and other materials using resonance fluorescence, resonance absorption, and other electromagnetic processes with bremsstrahlung radiation	378/88
7	US 5314072 A	19940524	Sorting plastic bottles for recycling	209/44.1

	Document ID	Issue Date	Title	Current OR
8	US 5115459 A	19920519	Explosives detection using resonance fluorescence of bremsstrahlung radiation	378/88
9	US 5022062 A	19910604	Automatic threat detection based on illumination by penetrating radiant energy using histogram processing	378/86
10	US 4994145 A	19910219	Process for producing a constant distribution of a selected property across the width of pulp mat on a pulp washing surface	162/49
11	US 3889112 A	19750610	Method and apparatus for measuring the concentration of water, iron and aluminum in iron ore by neutron radiation	376/159

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2	BRS	L2	227621	convey\$3	USPAT
3	BRS	L3	24417	fluorescence	USPAT
4	BRS	L4	435	1 AND 2 AND 3	USPAT
5	BRS	L5	5993	(microwave OR (micro-wave)) SAME (water OR moisture)	USPAT
6	BRS	L6	4	4 AND 5	USPAT

	Document ID	Issue Date	Title	Current OR
1	US 5641395 A	19970624	Process and compositions for Mn containing catalyst for carbo-metallic hydrocarbons	208/113
2	US 4959549 A	19900925	Determination of properties of coal	250/461.1
3	US 4882927 A	19891128	Method and apparatus for auditing means used for measuring characteristics of a bulk material	73/1.01
4	US 3759617 A	19730918	METHOD AND APPARATUS FOR GEOCHEMICAL SURVEYING	356/36

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	44988	microwave OR micro-wave	USPAT
2	BRS	L2	820462	water OR moisture	USPAT
3	BRS	L3	177016	absorption	USPAT
4	BRS	L4	157892 2	band OR region OR range OR frequenc\$3 OR energ\$3	USPAT
5	BRS	L5	217696	absorption OR attenuation	USPAT
6	BRS	L6	58	1 SAME 2 SAME (4 ADJ 5)	USPAT
7	BRS	L7	128	density ADJ (gauge OR guages)	USPAT

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1	BRS	L1	79247	x-ray OR xray	USPAT
2	BRS	L2	233117	convey\$3	USPAT
3	BRS	L3	5437	1 AND 2	USPAT
4	BRS	L4	69134	fluorescen\$2	USPAT
5	BRS	L5	978	3 AND 4	USPAT
6	BRS	L6	5922	detector SAME (axis OR axes) SAME (parallel OR normal)	USPAT
7	BRS	L7	16	5 AND 6	USPAT
8	BRS	L8	195	(back-scatter\$3 OR backscatter\$3) SAME fluorescen\$2	USPAT
9	BRS	L9	10	5 AND 8	USPAT

	Document ID	Title	Current OR	Inventor
1	US 5987351 A	Optical coupler for in vivo examination of biological tissue	600/473	Chance, Britton
2	US 5750883 A	Method and apparatus for determining the salt content of snack foods	73/53.01	Elder, Vincent A.
3	US 5663997 A	Glass composition determination method and apparatus	378/45	Willis, James E. , et al.
4	US 5314072 A	Sorting plastic bottles for recycling	209/44.1	Frankel, Henry , et al.
5	US 5029337 A	Method for measuring coating thickness	378/90	Mackenzie, Innes K. , et al.
6	US 4994145 A	Process for producing a constant distribution of a selected property across the width of pulp mat on a pulp washing surface	162/49	Seymour, George W.
7	US 4839913 A	Shadowgraph imaging using scatter and fluorescence	378/44	Annis, Martin , et al.
8	US 4819256 A	Radiographic sensitivity for detection of flaws and cracks	378/87	Annis, Martin , et al.

	Document ID	Title	Current OR	Inventor
9	US 4015124 A	Determining the concentration of sulphur in coal	378/45	Page, Dennis
10	US 3710104 A	METHOD AND APPARATUS FOR X-RAY INTERROGATION OF A SAMPLE	378/46	Pavlik, William R.